Establishing of R

# BRUHAT BANGALORE MAHANAGARA PALIKE

## PWD FORM - 45: Work Slip

Name of Work: **Establishing of R.O Plant near Mutthurayaswamy Temple Prashanth Nagara in Ward No. 13 in Shettyhalli Sub Division.**

Name of Agency: **Sri K. Shankar Reddy, # 03, 1st Cross, Erannapalya, Ramachandrappa Layout, Nagavara, Bangalore - 45.**

Estimated Cost: **15,00,000.00**

Tender Amount : **Rs. 14,00,167.00 Lakhs**

Work Order No. **EE/DD/WO/145/2016-17 Dated: 24.03.2017.**

| SL. No. | Description | Unit | Qty. as per Sanctioned Estimate | | | Qty. as per Tender | | | Actual executed Qty. | Qty. as per Actuals upto 125% | | | Qty. as per Actuals above 125% | | | Total Executed Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty. | Rate | Amount | Qty. | Rate | Amount | | Qty. | Rate | Amount | Qty. | Rate 2016-17+ T.P | Amount | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift | Cum | 9.60 | 237.60 | 2280.96 | 9.60 | 200.00 | 1920.00 | 5.20 | 5.20 | 200.00 | 1040.00 | 0.00 | 0.00 | 0.00 | 1040.00 |
| 2 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in hard soil** not exceeding 1.5 m. in depth including | Cum | 22.17 | 305.64 | 6776.04 | 22.17 | 220.00 | 4877.40 | 17.41 | 17.41 | 220.00 | 3830.00 | 0.00 | 0.00 | 0.00 | 3830.00 |
| 3 | KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. | Cum | 31.77 | 74.40 | 2363.69 | 31.77 | 70.00 | 2223.90 | 22.61 | 22.61 | 70.00 | 1583.00 | 0.00 | 0.00 | 0.00 | 1583.00 |
| 4 | KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not | Cum | 9.39 | 5256.36 | 49357.22 | 9.39 | 5100.00 | 47889.00 | 7.93 | 7.93 | 5100.00 | 40443.00 | 0.00 | 0.00 | 0.00 | 40443.00 |
| 5 | KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of Design mix M20** with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 | Cum | 12.28 | 6491.88 | 79720.29 | 12.28 | 5800.00 | 71224.00 | 14.01 | 14.01 | 5800.00 | 81250.00 | 0.00 | 0.00 | 0.00 | 81250.00 |
| 6 | KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each | Cum | 9.86 | 4521.96 | 44586.53 | 9.86 | 3100.00 | 30566.00 | 7.99 | 7.99 | 3100.00 | 24758.00 | 0.00 | 0.00 | 0.00 | 24758.00 |
| 7 | KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete | Cum | 4.60 | 5405.40 | 24864.84 | 4.60 | 3600.00 | 16560.00 | 4.23 | 4.23 | 3600.00 | 15222.00 | 0.00 | 0.00 | 0.00 | 15222.00 |
| 8 | KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete | Sqm | 12.78 | 104.76 | 1338.83 | 12.78 | 90.00 | 1150.20 | 14.09 | 14.09 | 90.00 | 1268.00 | 0.00 | 0.00 | 0.00 | 1268.00 |
| 9 | KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited | Cum | 14.00 | 137.16 | 1920.24 | 14.00 | 110.00 | 1540.00 | 11.27 | 11.27 | 110.00 | 1240.00 | 0.00 | 0.00 | 0.00 | 1240.00 |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty. | Rate | Amount | Qty. | Rate | Amount | | Qty. | Rate | Amount | Qty. | Rate 2016-17+ T.P | Amount | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 10 | KSRB 4-6.7 :Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for sides and soffits of **beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth** including cost of all materials | Sqm | 59.76 | 276.48 | 16522.44 | 59.76 | 210.00 | 12549.60 | 70.95 | 70.95 | 210.00 | 14898.00 | 0.00 | 0.00 | 0.00 | 14898.00 |
| 11 | KSRB 4-6.10 :Providing and removing **centering, shuttering, strutting, propping** etc., for **chajjas, corbels** etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No. 16 / Item No. 4.37, PWD SR 2016-17** | Sqm | 3.12 | 291.60 | 909.79 | 3.12 | 220.00 | 686.40 | 5.56 | 3.90 | 220.00 | 858.00 | 1.66 | 272.91 | 454.00 | 1312.00 |
| 12 | KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure | Sqm | 73.13 | 1011.96 | 74004.63 | 73.13 | 950.00 | 69473.50 | 46.12 | 46.12 | 950.00 | 43810.00 | 0.00 | 0.00 | 0.00 | 43810.00 |
| 13 | KSRB 4.9.2: Providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to | Tonne | 0.465 | 60534.00 | 28148.31 | 0.47 | 60000.00 | 27900.00 | 1.68 | 0.58 | 60000.00 | 34875.00 | 0.82 | 61259.86 | 50209.00 | 85084.00 |
| 14 | KSRB 15.3.1 : Providing 12mm thick **cement plaster in single coat with cement mortar 1:6, to brick masonry** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per | Sqm | 72.56 | 162.00 | 11754.72 | 72.56 | 150.00 | 10884.00 | 124.96 | 90.70 | 150.00 | 13605.00 | 34.26 | 151.62 | 5195.00 | 18800.00 |
| 15 | Hinges 5" Heavy Duty | Each | 4.00 | 37.00 | 148.00 | 4.00 | 37.00 | 148.00 | 4.00 | 4.00 | 37.00 | 148.00 | 0.00 | 0.00 | 0.00 | 148.00 |
| 16 | Bottom Lock Nail | Each | 10.00 | 47.00 | 470.00 | 10.00 | 47.00 | 470.00 | 10.00 | 10.00 | 47.00 | 470.00 | 0.00 | 0.00 | 0.00 | 470.00 |
| 17 | MS Clamps | Each | 8.00 | 38.00 | 304.00 | 8.00 | 38.00 | 304.00 | 8.00 | 8.00 | 38.00 | 304.00 | 0.00 | 0.00 | 0.00 | 304.00 |
| 18 | Brass Screws 25 mm | Each | 50.00 | 2.10 | 105.00 | 50.00 | 2.10 | 105.00 | 50.00 | 50.00 | 2.10 | 105.00 | 0.00 | 0.00 | 0.00 | 105.00 |
| 19 | Providing and fixing **Single shutter glass door** of 12mm thick plain toughened glass (Saint Gobain, Modi float). The door is fixed by using any approved make hardware fitting like patch fitting, pivot, floor machine, locking arrangements and suitable SS door rails with floral glass etching for 1/3 | Sqm | 10.00 | 10962.00 | 109620.00 | 10.00 | 9400.00 | 94000.00 | 8.80 | 8.80 | 9400.00 | 82739.00 | 0.00 | 0.00 | 0.00 | 82739.00 |
| 20 | KSRB 14.13-1: Providing precast chequered mosaic tiles dark shade using ordinary grey cement for steps and flooring, with precast 20mm thick, using marble chips of 7 to 10 nominal size laid in floors, steps and landings on a bed of 12mm thick cement mortar 1:3 mix, and jointed with | Sqm | 10.00 | 1049.76 | 10497.60 | 10.00 | 880.00 | 8800.00 | 5.49 | 5.49 | 880.00 | 4831.00 | 0.00 | 0.00 | 0.00 | 4831.00 |
| 22 | Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete **Page No. 107, Item No. 14.44, PWD SR 2016-17** | Sqm | 14.00 | 1154.52 | 16163.28 | 14.00 | 880.00 | 12320.00 | 14.75 | 14.75 | 880.00 | 12984.00 | 0.00 | 0.00 | 0.00 | 12984.00 |
| 23 | KSRB 15-17.2 : Applying priming coat over new wood surface and / or wood based surface after brushing with wood primer pink paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost | Sqm | 33.44 | 38.88 | 1300.15 | 33.44 | 30.00 | 1003.20 | 6.48 | 6.48 | 30.00 | 194.00 | 0.00 | 0.00 | 0.00 | 194.00 |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty. | Rate | Amount | Qty. | Rate | Amount | | Qty. | Rate | Amount | Qty. | Rate 2016-17+ T.P | Amount | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 24 | KSRB 15-17.6 : Providing and applying painting two coats ( excluding priming coat ) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, | Sqm | 33.44 | 90.72 | 3033.68 | 33.44 | 80.00 | 2675.20 | 6.48 | 6.48 | 80.00 | 518.00 | 0.00 | 0.00 | 0.00 | 518.00 |
| 25 | KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and | Sqm | 33.44 | 97.20 | 3250.37 | 33.44 | 90.00 | 3009.60 | 65.80 | 41.80 | 90.00 | 3762.00 | 23.80 | 90.97 | 2165.00 | 5927.00 |
| 26 | KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of | Sqm | 10.00 | 90.72 | 907.20 | 10.00 | 90.72 | 907.20 | 65.84 | 12.50 | 90.72 | 1134.00 | 53.34 | 84.90 | 4529.00 | 5663.00 |
| 30 | Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing | Point | 2.00 | 144.00 | 288.00 | 2.00 | 114.00 | 228.00 | 2.00 | 2.00 | 114.00 | 228.00 | 0.00 | 0.00 | 0.00 | 228.00 |
| 31 | b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch | Point | 2.00 | 215.00 | 430.00 | 2.00 | 215.00 | 430.00 | 2.00 | 2.00 | 215.00 | 430.00 | 0.00 | 0.00 | 0.00 | 430.00 |
| 32 | c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch | Point | 2.00 | 334.00 | 668.00 | 2.00 | 334.00 | 668.00 | 2.00 | 2.00 | 334.00 | 668.00 | 0.00 | 0.00 | 0.00 | 668.00 |
| 33 | Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and | Mtrs | 15.00 | 54.00 | 810.00 | 15.00 | 54.00 | 810.00 | 15.00 | 15.00 | 54.00 | 810.00 | 0.00 | 0.00 | 0.00 | 810.00 |
| 34 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. | Mtr | 35.00 | 18.60 | 651.00 | 35.00 | 18.60 | 651.00 | 5.00 | 5.00 | 18.60 | 93.00 | 0.00 | 0.00 | 0.00 | 93.00 |
| 35 | 2.5.1) 1 Sqmm | Mtr | 35.00 | 13.00 | 455.00 | 35.00 | 13.00 | 455.00 | 5.00 | 5.00 | 13.00 | 65.00 | 0.00 | 0.00 | 0.00 | 65.00 |
| 36 | 2.5.3) 2.5 Sqmm | Mtr | 35.00 | 29.20 | 1022.00 | 35.00 | 29.20 | 1022.00 | 5.00 | 5.00 | 29.20 | 146.00 | 0.00 | 0.00 | 0.00 | 146.00 |
| 37 | 2.5.4) 4 Sqmm | Mtr | 70.00 | 42.10 | 2947.00 | 70.00 | 42.10 | 2947.00 | 2.00 | 2.00 | 42.10 | 84.00 | 0.00 | 0.00 | 0.00 | 84.00 |
| 38 | Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete (1.6.3) 10"x7"x3" (254x178x76mm) **(Page No. 03, Item No. 1.6) KPWD SR 2014-15** | Each | 2.00 | 87.00 | 174.00 | 2.00 | 87.00 | 174.00 | 2.00 | 2.00 | 87.00 | 174.00 | 0.00 | 0.00 | 0.00 | 174.00 |
| 39 | (1.6.4) 8"x6"x3" (203x152x76mm) | Each | 1.00 | 73.00 | 73.00 | 1.00 | 73.00 | 73.00 | 1.00 | 1.00 | 73.00 | 73.00 | 0.00 | 0.00 | 0.00 | 73.00 |
| 40 | (1.6.1)12"x12"x3" (300x300x76mm) | Each | 1.00 | 116.00 | 116.00 | 1.00 | 116.00 | 116.00 | 1.00 | 1.00 | 116.00 | 116.00 | 0.00 | 0.00 | 0.00 | 116.00 |
| 41 | Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws. **(Page No. 17, Item No. 3.9) KPWD SR 2014-15** | SqCM | 1225.00 | 0.25 | 306.25 | 1225.00 | 0.25 | 306.25 | 1225.00 | 1225.00 | 0.25 | 306.00 | 0.00 | 0.00 | 0.00 | 306.00 |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty. | Rate | Amount | Qty. | Rate | Amount | | Qty. | Rate | Qty. | Rate 2016-17+ T.P | Amount | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 42 | Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 3.15.1) 6 Amps SP Switch **(Page No. 18, Item No.3.8) KPWD SR 2014-15** | Nos | 1.00 | 35.00 | 35.00 | 1.00 | 35.00 | 35.00 | 1.00 | 1.00 | 35.00 | 35.00 | 0.00 | 0.00 | 0.00 | 35.00 |
| 43 | 3.15.3) 6 Amps 3 Way 5 Pin Socket | Nos | 1.00 | 53.00 | 53.00 | 1.00 | 53.00 | 53.00 | 1.00 | 1.00 | 53.00 | 53.00 | 0.00 | 0.00 | 0.00 | 53.00 |
| 44 | 3.15.6) 6 Amps Lamp Holder | Nos | 3.00 | 48.00 | 144.00 | 3.00 | 48.00 | 144.00 | 3.00 | 3.00 | 48.00 | 144.00 | 0.00 | 0.00 | 0.00 | 144.00 |
| 45 | 3.15.13) 16/6 Amps combined plug and socket with control switch | Nos | 3.00 | 268.00 | 804.00 | 3.00 | 268.00 | 804.00 | 3.00 | 3.00 | 268.00 | 804.00 | 0.00 | 0.00 | 0.00 | 804.00 |
| 46 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP B 3.7.18) 1000-1200 Watts Dimmer **(Page No. 18, Item No.3.7) KPWD SR 2014-15** | Each | 1.00 | 447.00 | 447.00 | 1.00 | 447.00 | 447.00 | 1.00 | 1.00 | 447.00 | 447.00 | 0.00 | 0.00 | 0.00 | 447.00 |
| 47 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6.16.1) 5-32 Amps SP | Each | 1.00 | 418.00 | 418.00 | 1.00 | 418.00 | 418.00 | 1.00 | 1.00 | 418.00 | 418.00 | 0.00 | 0.00 | 0.00 | 418.00 |
| 48 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to | No | 1.00 | 2727.00 | 2727.00 | 1.00 | 2500.00 | 2500.00 | 1.00 | 1.00 | 2500.00 | 2500.00 | 0.00 | 0.00 | 0.00 | 2500.00 |
| 49 | 6.7 Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. **(Page No. 4455, Item No. 6.7) KPWD SR 2014-15** | Each | 1.00 | 120.00 | 120.00 | 1.00 | 120.00 | 120.00 | 1.00 | 1.00 | 120.00 | 120.00 | 0.00 | 0.00 | 0.00 | 120.00 |
| 50 | Supplying patti type fluorescent tube light fitting of 2' - suitable for 14 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply | Each | 5.00 | 340.00 | 1700.00 | 5.00 | 450.00 | 2250.00 | 5.00 | 5.00 | 450.00 | 2250.00 | 0.00 | 0.00 | 0.00 | 2250.00 |
| 51 | Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 17.7.1) On wall / ceiling / Rafter / Girders **(Page No. 114,** | Each | 5.00 | 98.00 | 490.00 | 5.00 | 90.00 | 450.00 | 5.00 | 5.00 | 90.00 | 450.00 | 0.00 | 0.00 | 0.00 | 450.00 |
| 52 | Short Poles : (Shereas clearance between Messenger wire and ground is inadequate) a) Supplying and fixing 40mm dia 2.90 thick GI pipe 1.8m long complete with atleast 2 GI pipe 1.8 m long complete with ateast 2 nos of through bolts 12mm dia with MS back plate 100 x 100 x 6 mm dia with | Each | 1.00 | 525.00 | 525.00 | 1.00 | 480.00 | 480.00 | 1.00 | 1.00 | 480.00 | 480.00 | 0.00 | 0.00 | 0.00 | 480.00 |
| 53 | INSULATED CABLE ON MESSENGER WIRE Using 2 single core wires for a single phase and 4 single core wires for 3 phase. Supplying and stringing PVC insulated and PVC sheathed 650/1100V class aluminium conductor of size supported by 3.15mm (10 SWG) GI messenger wire | Rmt | 30.00 | 85.00 | 2550.00 | 30.00 | 60.00 | 1800.00 | 30.00 | 30.00 | 60.00 | 1800.00 | 0.00 | 0.00 | 0.00 | 1800.00 |
| 54 | **10000 LPD R.O. Plant** | | | | | | | | | | | | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Qty. | Rate | Amount | Qty. | Rate | Amount | | Qty. | Rate | Amount | Qty. | Rate 2016-17+ T.P | Amount | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | **RAW WATER PUMP:** | | | | | | | | | | | | | | | |
| | Quantity : 1No. | | | | | | | | | | | | | | | |
| | Type: Centrifugal Mono Block | | | | | | | | | | | | | | | |
| | MOC & Make : UKL | | | | | | | | | | | | | | | |
| | Motor Rating : 0.75 HP | | | | | | | | | | | | | | | |
| | **PRESSURE SAND FILTER:** | | | | | | | | | | | | | | | |
| | Quantity : 1No. | | | | | | | | | | | | | | | |
| | Capacity : 1000 LPH | | | | | | | | | | | | | | | |
| | MOC & Make of Housing : UKL | | | | | | | | | | | | | | | |
| | MOC & Make of Cartridge : UKL | | | | | | | | | | | | | | | |
| | Capcity : 100 LPH | | | | | | | | | | | | | | | |
| | MOC & Make of Vessel : UKL | | | | | | | | | | | | | | | |
| | Diameter : 40 mm | | | | | | | | | | | | | | | |
| | Type of Valve : Single Multiport | | | | | | | | | | | | | | | |
| | media : Support bed + Sand | | | | | | | | | | | | | | | |
| | **MICRON CARTRIDGE FILTER :** | | | | | | | | | | | | | | | |
| | Quantity : 1 Set | | | | | | | | | | | | | | | |
| | Filter Rating : 5 Microns | | | | | | | | | | | | | | | |
| | Size : 20 " Long | | | | | | | | | | | | | | | |
| | **ANTISCALANT DOSING PUMPS:** | | | | | | | | | | | | | | | |
| | Quantity : 1 Set | | | | | | | | | | | | | | | |
| | Type : Electro - magnetic | | | | | | | | | | | | | | | |
| | Capacity : 1.5 LPH @ 4 Bar | | | | | | | | | | | | | | | |
| | **HIGH PRESSURE PUMP:** | | | | | | | | | | | | | | | |
| | Quantity : 1 No | | | | | | | | | | | | | | | |
| | Capacity : 1700 LPH | | | | | | | | | | | | | | | |
| | Type of Pump : Vertical Multistage Centrifugal Pump | | | | | | | | | | | | | | | |
| | MOC : SS 304 | | | | | | | | | | | | | | | |
| | Motor Rating : 2 HP, 3 Phase | | | | | | | | | | | | | | | |
| | Maximum Pressure : 12 Kg/ cm2 | | | | | | | | | | | | | | | |
| | Make : UKL | | | | | | | | | | | | | | | |
| | **RESERVE OSMOSIS SYSTEM :** | | | | | | | | | | | | | | | |
| | Quantity : 1 No | | | | | | | | | | | | | | | |
| | Capacity : 1000 LPH | | | | | | | | | | | | | | | |
| | Module Type | | | | | | | | | | | | | | | |
| | Membrane Specifications {Polyamde} | | | | | | | | | | | | | | | |
| | Make of Membrane : UKL | | | | | | | | | | | | | | | |
| | **UV STERILISER** | | | | | | | | | | | | | | | |



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| | | | Qty. | Rate | Amount | Qty. | Rate | Amount | | Qty. | Rate | Amount | Qty. | Rate 2016-17+ T.P | Amount | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | Max. Treatment Flow : 1 m3/hr<br>No. of Lamps : 1 No<br>Wattage : 39 W<br>Efficiency : 99.99%<br>Material of Construction : SS 304<br>**PRODUCT WATER QUALITY:**<br>Appearance : Crystal Clear<br>Abide by the ISO Standards<br>S S Tank : 304 Grade with 16 guage 2000 liters Capacity<br>304 Grade 10 Gauage SS Pipe {with stream valve} 25 Ft<br>**COIN BOOTH DISPENSING UNIT**<br>for 5 Liters & 20 Ltrs Separately<br>Raw Water Stoage Tank : Dunction - for Storage of Raw Water<br>Type / MOC : Two / Three Layered PE tanks White / Transparent in color made from virgin material of food grade Quality suitabke fir the purpose of providing<br>Storage Drinking / Portable Water : 5000 Liters Capacity<br>Tctal | Nos | 1.00 | 936000.00 | 936000.00 | 1.00 | 920000.00 | 920000.00 | 1.00 | 1.00 | 920000.00 | 920000.00 | 0.00 | 0.00 | 0.00 | 920000.00 |
| | **Total Work Slip Amount** | | | | | | | | | | | 1318563.00 | | | 62552.00 | 1381115.00 |

Assistant Engineer

TOTAL EXCESS Amount 56,555.00

% Excess = 56,555.00 / 1400167.0 = 6.18 %

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Shettyhalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore

Approved.

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